

Name :
 Class: VI

Subject : Science
 Date:

1. Why are green plants called producers?
2. Show by giving suitable examples that animals and human eat different foods.
3. What makes sprouts more nutritious?
4. Define the following:
 - (i)Scavengers
 - (ii)Food chain
 - (iii)Decomposers
 - (iv)Parasites
5. Where do parasites obtain their food from?
6. Simple carbohydrates provide instant energy whereas complex carbohydrates do not. Why?
7. Name the disease caused by excess intake of sugar and starch (carbohydrate) in the diet?
8. Name a protein present in blood that carries oxygen from lungs to cells and carbon dioxide from cells to lungs.
- 9 (a) Name a disease caused by the deficiency of carbohydrate and protein in our diet.
 (b)Name a vitamin which gets destroyed due to overheating.
10. Give reason:
 - a.Gland in the neck get swollen
 - b.Steaming and baking are considered better cooking practices that boiling or frying.
 - c.Sunlight is essential for our body
 - d.Vitamins and minerals are called protective foods
11. Why water is called a universal liquid?
12. The fibre of which tree is called a coir. Name two states for its production. Write two uses of this fibre.
13. What is hemp? Write its uses.
14. Which fibre is known a golden fibre. Which country is its largest producer. Write its uses
15. Describe the role of each of the following machines/processes:
 Powerlooms, Retting, Spinning, ginning
16. Name two items that floats over water and two items that sinks in water.
17. Differentiate between transparent, translucent and opaque materials.
18. Why metals are used to make household utensils and factory equipments?
19. Name two substances that are soluble in water and two substances that are insoluble in water.
20. During summer holidays, a group of children collected a lump of salt, green grass, broken glass piece, a small thermacol box, pen, iron nail, glass marbles, hair, naphthalene balls, a piece of sugar candy and tried to group them on the basis of properties given in the table below.
 Help them in filling the table.

Name of the material	Appearance (Hard/Soft)	Transparency(transparent/translucent/opaque)

21. Distinguish between homogeneous and heterogeneous mixture giving examples.

22. Name a device that combines three separating processes harvesting, threshing and winnowing in a single operation.
23. What is filtration. Explain the process of filtration by giving example. Also draw the diagram and label it.
24. Define loading .
25. For what purpose separating funnel is used? Explain by giving suitable examples.
26. How can you separate a mixture of salt and sawdust?
27. Why does a clinical thermometer is used for measuring the body temperature. State reason in relation to the application of contraction and expansion.
28. What is corrosion? Explain by giving example.
29. Give an example of physical change that can be reversed.
30. Which of these changes can be reversed: grain to flour, bud to flower, melted ghee, and ripening of fruits?
31. Boojho was riding in his bicycle along a straight road. He classified the motion of various parts of bicycle as (i) rectilinear motion, (ii) circular motion and (iii) both rectilinear and circular motion. Can you list one part of the bicycle for each type of motion.
32. Convert the following:
 - a. 5000 mg into g
 - b. 7.5 m into mm
 - c. 6 m into dm
 - d. 9 century into years
33. (i) What precautions should be taken while measuring the length.
(ii) Can you measure the length of a curved path? Give reason for your answer.
34. What are the advantages of S.I system ?
35. Is the motion of the moon around the earth periodic? Give reason for your answer.
36. How can you distinguish between luminous and non-luminous bodies? Discuss by giving examples.
37. What is rectilinear propagation of light ? Explain.
38. How is shadow different from an image ?
39. What is the nature of the image formed by a pinhole camera?
40. What is reflection? Why is it important? Draw the diagram of reflection of light rays by a plane mirror.
41. On a sunny day, does a bird or an aeroplane flying high cast its shadow on the ground? Under what circumstances can we see their shadow on the ground?
42. Can you make a transparent glass sheet translucent? State reason for your answer.
44. What is lateral inversion?